

CLAIMS

What is claimed:

1. A method comprising:
 - receiving a signal from a receiver, the signal including a suite of gestures and information of a freehand note, the information to describe the freehand note;
 - selecting a template based on a comparison of the suite of gestures with a plurality of different computer-level templates, each of the plurality of computer-level templates being differentiated from each other; and
 - displaying a two-dimensional image of the selected template and a curve on the image which corresponds to the freehand note.
2. The method of claim 1 further comprising displaying a two-dimensional image of the suite of gestures on the template.
3. The method of claim 1 further comprising storing the two-dimensional image of the template and a curve on the image in a datastore.
4. The method of claim 1 further comprising storing the two-dimensional image of the template and the suite of gestures on the template in a datastore.
5. The method of claim 1 wherein the freehand note is a cursive note.
6. The method of claim 5 wherein the freehand note is a signature.

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7. The method of claim 1 wherein the information of the freehand note in the signal is different from the suite of gestures in the signal.
8. The method of claim 1 wherein the displaying is performed on a computer display.
9. The method of claim 1 wherein the selecting the template comprises comparing the suite of gestures from the signal with information of the plurality of different computer-level templates in a table of templates with each template having a different suite of gestures associated therewith.
10. The method of claim 9 wherein the selecting comprises accessing the template in the table that corresponds most closely with the suite of gestures.
11. The method of claim 1 wherein the signal is a wireless communications signal.
12. The method of claim 1 wherein the signal is an infrared signal.
13. The method of claim 1 wherein the signal is a radio frequency signal.
14. The method of claim 9 further comprising:
creating a new one of the plurality of templates;
providing information of the new one of the plurality of templates in the table; and
associating a new suite of gestures with the information of the new one of the plurality of templates in the table.

15. The method of claim 14 wherein the creating the new one of the plurality of templates includes a user creating the template utilizing an input device of a computer while the new one of the plurality of templates is displayed to the user.
16. The method of claim 14 wherein the associating the new suite of gestures includes a user associating the new suite of gestures utilizing an input device of a computer.
17. The method of claim 1 wherein the suite of gestures from the signal includes a number associated to one of the plurality of templates, and the selecting being based on the number.
18. The method of claim 1 wherein the suite of gestures from the signal includes a plurality of numbers associated to one of the plurality of templates, and the selecting being based on the plurality of numbers
19. The method of claim 1 wherein the suite of gestures from the signal includes the coordinates of marks made on a form, and the selecting being based on the coordinates.
20. The method of claim 1 wherein the information of a freehand note includes the location of the freehand note on a form, and the displaying the two-dimensional image of the curve on the image includes displaying the curve substantially in the location of the freehand note on the form.

21. The method of claim 1 wherein the suite of gestures from the signal includes information of a location of a mark made on a form, and the selecting being based on the location.
22. The method of claim 1 wherein the suite of gestures from the signal includes information of locations of a plurality of different marks made on a form, and the selecting being based on the location of each of the plurality of marks.
23. A method comprising:
 - receiving from a form a suite of gestures associated with the form and information of a freehand note;
 - converting the suite of gestures and the information of the freehand note to a signal; and
 - transmitting the suite of gestures in the signal to a computer to display a two-dimensional layout of a template and the freehand note.
24. The method of claim 23 further comprising storing the wherein the receiving the suite of gestures comprises converting a command element from a control area into the suite of gestures.
25. The method of claim 23 wherein the note is a cursive note.
26. The method of claim 23 wherein the information of the freehand note in the signal is different from the suite of gestures in the signal.
27. The method of claim 23 wherein the signal is a wireless communications signal.

28. The method of claim 23 wherein the signal is an infrared signal.
29. The method of claim 23 wherein the signal is a radio frequency signal.
30. The method of claim 23 wherein the suite of gestures is a number associated with the form.
31. The method of claim 23 wherein the suite of gestures is a location of a mark on the form.
32. The method of claim 23 wherein the suite of gestures being coordinates of a mark on the form, the coordinates providing information of the form.
33. The method of claim 23 wherein the suite of gestures is a signature.
34. The method of claim 23 wherein the form being from a plurality of forms.
35. A computer-implemented method comprising:
 - communicating with a receiver which receives a signal which is transmitted;
 - recognizing a transmitted suite of gestures in the signal;
 - comparing the transmitted suite of gestures from the signal with a number of different computer-level suite of gestures, each computer-level suite of gestures having a different computer-level template associated therewith, and selecting a selected one of the computer-level suite of gestures based on a comparison with the suite of gestures in the signal;

accessing a selected one of the different computer-level templates associated with the selected computer-level suite of gestures;

displaying a two-dimensional image of the selected template differing from form layouts corresponding the other computer-level templates;

recognizing information of a cursive note in freehand in the signal; and

displaying a two-dimensional image a curve on the image, the curve being similar to the cursive note in freehand.

36. The computer implemented method of claim 35 wherein the displaying the two-dimensional images is to display on a computer display.
37. The computer implemented method of claim 35 further comprising storing the two-dimensional images of the template and the curve in a datastore.
38. The computer implemented method of claim 35 wherein the note is a signature.
39. The computer implemented method of claim 35 wherein the signal is a wireless communications signal.
40. The computer implemented method of claim 35 wherein the signal is an infrared signal.
41. The computer implemented method of claim 35 wherein the signal is a radio frequency signal.

42. A machine-readable medium having executable instructions to cause a machine to perform a method comprising:

receiving a signal from a receiver, the signal including a suite of gestures and information of a freehand note, the information to describe the freehand note;

selecting a template based on a comparison of the suite of gestures with a plurality of different computer-level templates, each of the plurality of templates being differentiated from each other; and

displaying a two-dimensional image of the template and a curve on the image which corresponds to the freehand note.

43. The machine-readable medium of claim 42 further comprising displaying a two-dimensional image of the suite of gestures on the template.

44. The machine-readable medium of claim 42 further comprising storing the two-dimensional image of the template and a curve on the image in a datastore.

45. The machine-readable medium of claim 42 further comprising storing the two-dimensional image of the template and the suite of gestures on the template in a datastore.

46. The machine-readable medium of claim 42 wherein the freehand note is a cursive note.

47. The machine-readable medium of claim 46 wherein the freehand note is a signature.

48. The machine-readable medium of claim 42 wherein the information of the freehand note in the signal is different from the suite of gestures in the signal.
49. The machine-readable medium of claim 42 wherein the displaying is performed on a computer display.
50. The machine-readable medium of claim 42 wherein the selecting the template comprises comparing the suite of gestures from the signal with information of the plurality of different computer-level templates in a table of templates with each template having a different suite of gestures associated therewith.
51. The machine-readable medium of claim 42 wherein the selecting comprises accessing a template in the table that corresponds most closely with the suite of gestures.
52. The machine-readable medium of claim 42 wherein the signal is a wireless communications signal.
53. The machine-readable medium of claim 42 wherein the signal is an infrared signal.
54. The machine-readable medium of claim 42 wherein the signal is a radio frequency signal.
55. The machine-readable medium of claim 42 further comprising:
creating a new one of the plurality of templates;

providing information of the new one of the plurality of templates in the table; and associating a new suite of gestures with the information of the new one of the plurality of templates in the table.

56. The machine-readable medium of claim 55 wherein the creating the new one of the plurality of templates includes a user creating the template utilizing an input device of a computer while the new one of the plurality of templates is displayed to the user.
57. The machine-readable medium of claim 55 wherein the associating the new suite of gestures includes a user associating the new suite of gestures utilizing an input device of a computer.
58. The machine-readable medium of claim 55 wherein the suite of gestures from the signal includes a number associated to one of the plurality of templates, and the selecting being based on the number.
59. The machine-readable medium of claim 42 wherein the suite of gestures from the signal includes a plurality of numbers associated to one of the plurality of templates, and the selecting being based on the plurality of numbers
60. The machine-readable medium of claim 42 wherein the suite of gestures from the signal includes the coordinates of marks made on a form, and the selecting being based on the coordinates.

61. The machine-readable medium of claim 42 wherein the information of a freehand note includes the location of the freehand note on a form, and the displaying the two-dimensional image of the curve on the image includes displaying the curve substantially in the location of the freehand note on the form.
62. The machine-readable medium of claim 42 wherein the suite of gestures from the signal includes information of a location of a mark made on a form, and the selecting being based on the location.
63. The machine-readable medium of claim 42 wherein the suite of gestures from the signal includes information of locations a plurality of different marks made on a form, and the selecting being based on the location of each of the plurality of marks.
64. A machine-readable medium having executable instructions to cause a machine to perform a method comprising:
 receiving a suite of gestures associated with a form and information of a freehand note;
 converting the suite of gestures and the information of the freehand note to a signal;
 and
 transmitting the suite of gestures in the signal to a computer to display a two-dimensional layout of a template and the freehand note.
65. The machine-readable medium of claim 64 further comprising storing the wherein the receiving the suite of gestures comprises converting a command element from a control area into the suite of gestures.

- 66. The machine-readable medium of claim 64 wherein the note is a cursive note.
- 67. The machine-readable medium of claim 64 wherein the information of the freehand note in the signal is different from the suite of gestures in the signal.
- 68. The machine-readable medium of claim 64 wherein the signal is a wireless communications signal.
- 69. The machine-readable medium of claim 64 wherein the signal is an infrared signal.
- 70. The machine-readable medium of claim 64 wherein the signal is a radio frequency signal.
- 71. The machine-readable medium of claim 64 wherein the suite of gestures is a number associated with the form.
- 72. The machine-readable medium of claim 64 wherein the suite of gestures is a location of a mark on the form.
- 73. The machine-readable medium of claim 64 wherein the suite of gestures being coordinates of a mark on the form, the coordinates providing information of the form.

74. The machine-readable medium of claim 64 wherein the suite of gestures is a signature.
75. The machine-readable medium of claim 64 wherein the form being from a plurality of forms.
76. A system, comprising:
a form;
a network;
a first device having a surface on which the form can be positioned, upon a user writing on the form a signal is transmitted containing a suite of gestures and information of a freehand note; and
a second device having a receiver to receive the signal via the network, the second device to select a template having an identifying characteristic corresponding to the suite of gestures, the template having a layout similar to the form, the second device displaying a two-dimensional image of the template and a curve corresponding to the freehand note.
77. The system of claim 76 wherein the form being from a plurality of forms.
78. The system of claim 77 wherein the plurality of form each include a writing sheet and ink printed on the writing sheet, the ink leaving space for writing the note in freehand.

79. The system of claim 76 wherein the template is customizable to change a location of the command area to allow for a different from having a command area at a different location to be used.

80. The system of claim 76 wherein the network is a wireless network coupling the first device to the second device.

81. The system of claim 76 wherein the signal is an infrared signal radio frequency signal.

82. The system of claim 76 wherein the signal is a radio frequency signal.

83. The system of claim 76 wherein the network is a wireless network coupling the first device to the second device.

84. A kit for recording a note in freehand, comprising:

a unit for relaying a suite of gestures and information of a note in freehand created on a form, including a pad having a surface on which the form can be positioned, the pad including a housing, and, secured to the housing, a positioned sensor detecting the position of a writing tip of a writing instrument is used to create the note in freehand and the suite of gestures on the form, and providing information of the note in freehand and the suite of gestures, a signal converter which receives the suite of gestures and the information of the note in freehand from the position sensor and converts the information and suite of gestures to a signal, and, a transmitter which receives the signal from the signal converter and transmits the signal to a remote location; and

a computer readable medium having stored thereon a program which, when executed by a processor of a user computer at the remote location is capable of:

- (i) communicating with a receiver which receives the signal which is transmitted;
- (ii) recognizing the suite of gestures in the signal;
- (iii) comparing the transmitted suite of gestures from the signal with a number of different computer-level suite of gestures, each computer-level suite of gestures having a different computer-level template associated therewith, and selecting a selected one of the computer-level suite of gestures based on a comparison with the suite of gestures in the signal;
- (iv) accessing a selected one of the different computer-level form templates associated with the selected computer-level suite of gestures;
- (v) displaying a two-dimensional image of the selected template differing from form layouts corresponding the other computer-level templates;
- (vi) recognizing information of a cursive note in freehand in the signal; and
- (vii) displaying a two-dimensional image a curve on the image, the curve being similar to the cursive note in freehand.

85. The kit of claim 84 further comprising the program storing an electronic representation of the selected template with the cursive note in a datastore.

86. The kit of claim 84 further comprising the program displaying a two-dimensional image of the suite of gesture from the signal.
87. The kit of claim 84 wherein the displaying is performed on a computer display.
88. The kit of claim 84 further comprising a plurality of forms.
89. The kit of claim 88 wherein the plurality of forms include a writing sheet and ink printed on the writing sheet, the ink leaving space for writing the note in freehand, defining a command area to write the suite of gestures, the program recognizing that the suite of gestures is written in the command area to display the selected template.
90. The kit of claim 89 wherein at least some of the forms each include a writing sheet and ink printed on the writing sheet, the ink being laid out so that a plurality of command areas are defined thereby.
91. The kit of claim 84 wherein the transmitting of the signal includes transmitting via a wireless network signal.
92. The kit of claim 84 wherein the transmitting of the signal includes transmitting via an infrared signal.
93. The kit of claim 84 wherein the transmitting of the signal includes transmitting via a radio frequency signal.